

Internet Multicast-based Videoconferencing

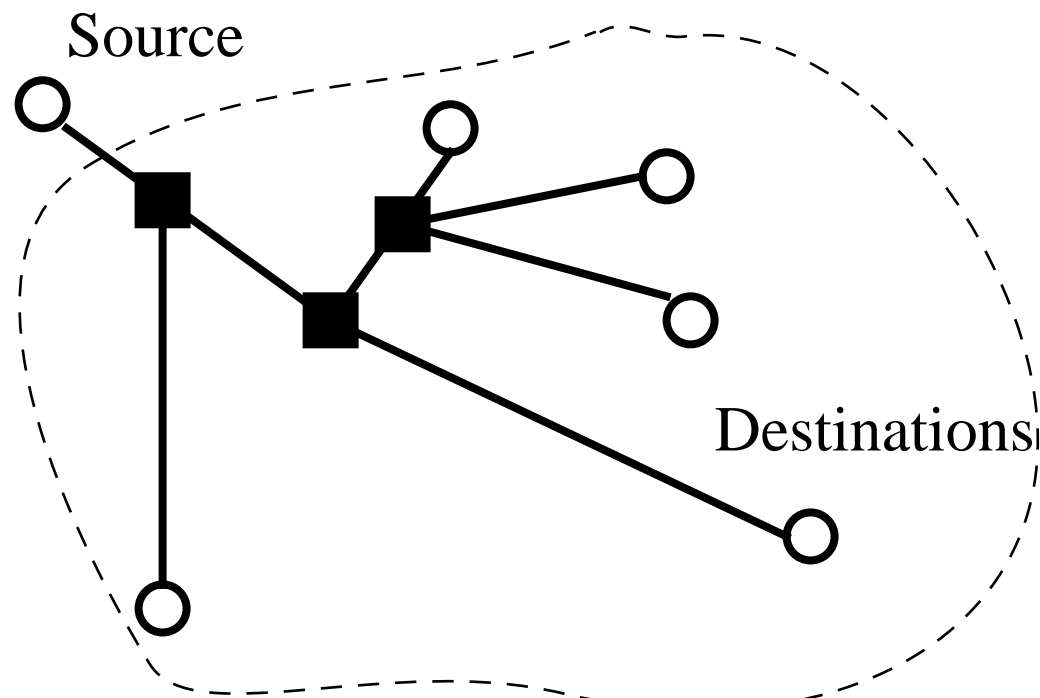
Deb Agarwal

Chuck McParland

Marcia Perry

IP Multicast

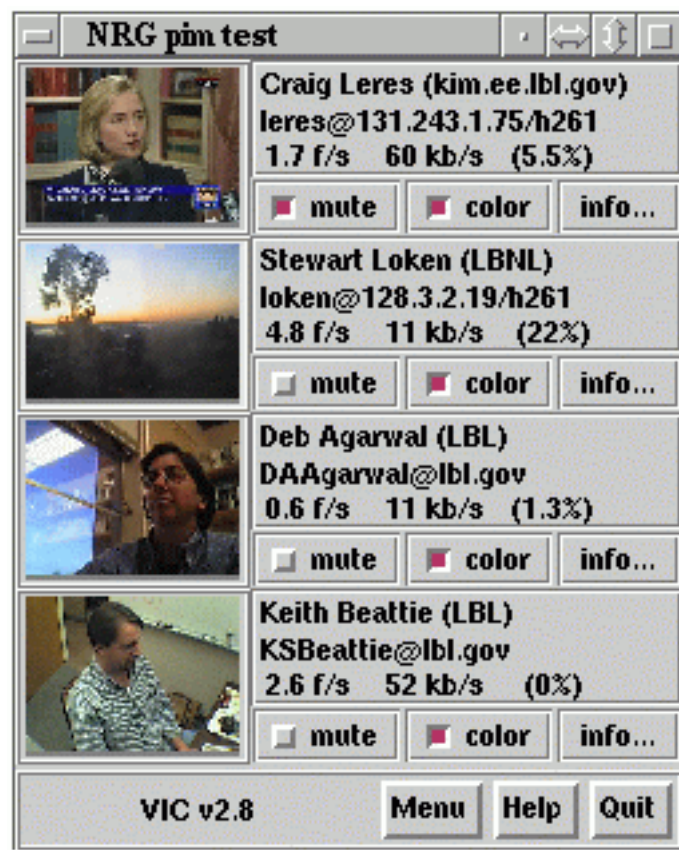
- Source sends a single message that is received at all sites
- Network responsible for duplication of message as needed
- Scales to large numbers of participants
- Harder to get working correctly



Videoconferencing Tools

- Software needed
 - Video - vic
 - Audio - vat
 - Drawing tool - wb (whiteboard)
- Hardware needed
 - Video capture
 - Camera
 - Full-duplex audio capability
 - Echo cancellation
- Platforms
 - Sun Solaris
 - SGI IRIX
 - PC FreeBSD and Win95

Video Conferencing - Video Tool (vic)



Video Conferencing - Audio Tool (vat)



Whiteboard

LBL wb v1.57

Font Brush

Undo Print Quit

a- Real Time Multimedia and the Web (W3C)

8:30	Departure of Bus: Hotels -> INRIA Session 6: Audio and Video on the Internet
9:00-10:30	<ul style="list-style-type: none"> Integrating RTP into the World Wide Web, Randa El-Marakhty et al, University of Lancaster Providing Video Services over Networks without Quality of Service Guarantees, Stephen Jacobs and Alexandros Eleftheriadis, Columbia University The Multimedia Intranet (paper not available to the public yet), Cosmos Nicolaou, Nemesys
10:30-10:45	Coffee Break
	Session 7: Is Web-based Digital Television possible?
10:45-12:15	<ul style="list-style-type: none"> mWeb: a framework for distributed presentations using the WWW and the Mbone, Peter Parnes et al.; Lulea University Applying Real-time Multimedia Conferencing Techniques to the Web, Mark Handley, UCL Opportunities for migration of Internet and Digital TV applications (Problem with figures); Jan van der Meer, Philips
12:15-13:30	Lunch
	Session 8:
13:30-14:00	Real-Time Streaming Protocol, Rob Langhler, Progressive Networks
14:00-15:00	Breakout Sessions
15:15-15:30	Coffee Break
	Session 9:
15:30-17:00	Decisions on Future Work
17:10	Departure of Bus: INRIA -> Hotels Departure of Bus: INRIA -> Airport

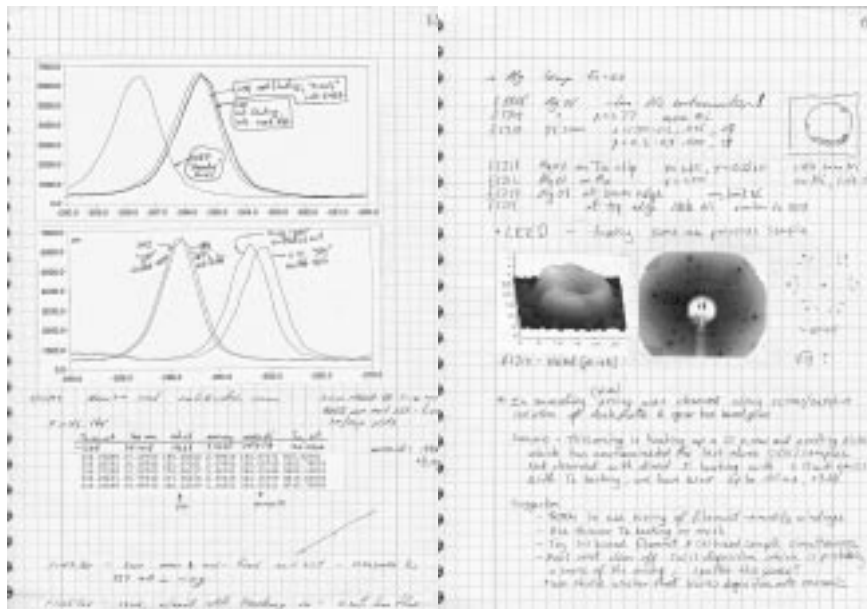
Please, how can I configure my sdr to launch netscape and view html. Where can I find the good sdr plugin to do it ?
Thank you.

Please read : <http://sig.enst.fr/~dauphin/mMosaic/readme.html> to install mMosaic.
Software is "experimental". Get it at :
<ftp://sig.enst.fr/pub/multicast/mMosaic/>...

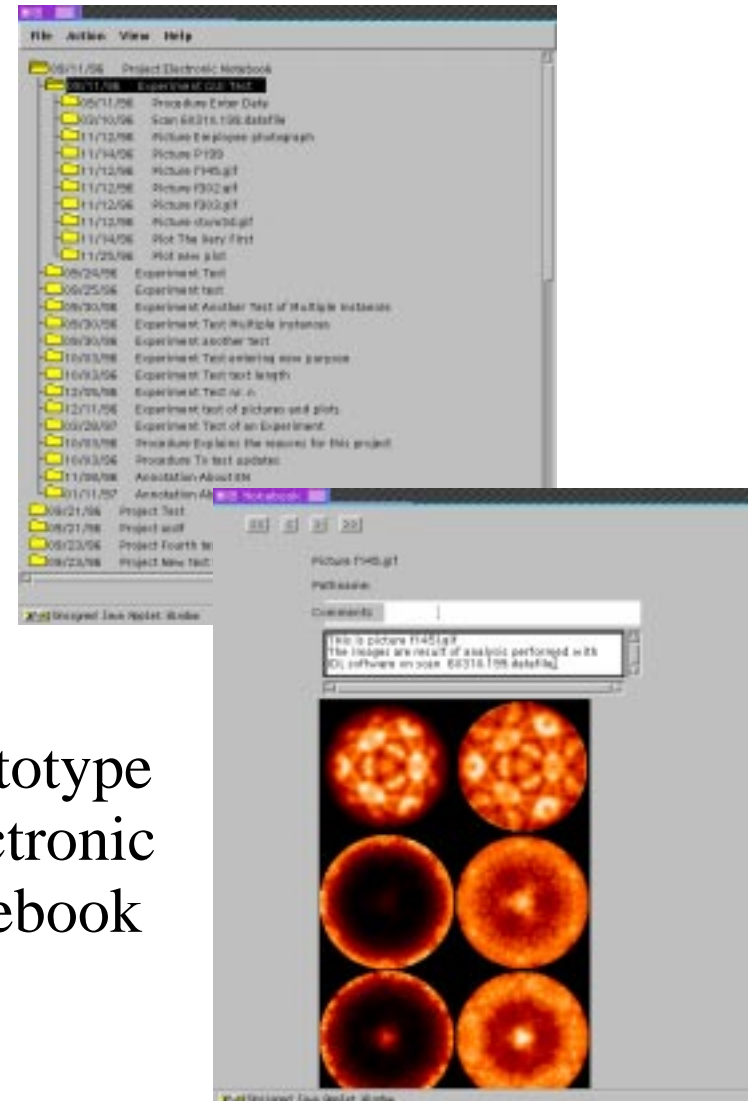
Thank You

Blank Page Clone Page Import P.S. Import Text Import Image Import Text hoschka@www.3

Electronic Notebook

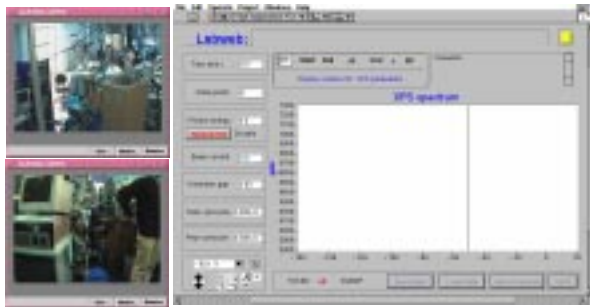


Existing paper notebook



Prototype
electronic
notebook

The Spectro-Microscopy Collaboratory

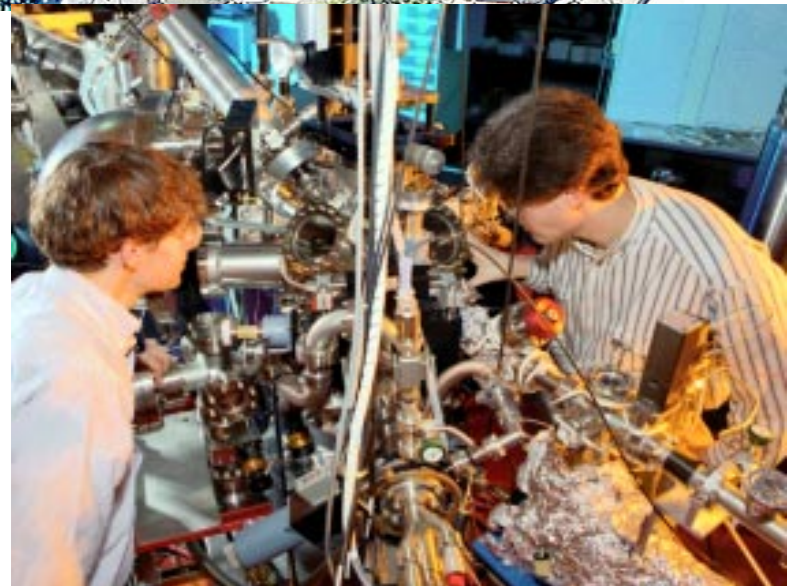


Univ. of Wisconsin

Network



LBNL



Optical Microscope

